

## Calendar

### Wednesday, June 9

**3:30 p.m.** DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

**4:00 p.m.** Fermilab Colloquium - 1 West

Speaker: C. Martin, California Institute of Technology

Title: The Galaxy Evolution Explorer: Results from the First Year

### Thursday, June 10

THERE WILL BE NO THEORETICAL PHYSICS SEMINAR THIS WEEK

**3:30 p.m.** DIRECTOR'S COFFEE

BREAK - 2nd Flr X-Over

THERE WILL BE NO ACCELERATOR PHYSICS AND TECHNOLOGY SEMINAR TODAY

## Wilson Hall Cafe

### Wednesday, June 9

Italian Wedding with Meatballs

Diner Style Patty Melt \$4.75

Mediterranean Style Baked Fish \$3.75

Roasted Turkey & Dressing \$3.75

Greek Chicken Panini with Feta Cheese \$4.75

Sicilian Style Pizza \$2.75

Grilled Chicken Bowtie in a Tomato

Cream Sauce \$4.75

[Wilson Hall Cafe Menu](#)

[Chez Leon](#)

## Weather



Chance Thunderstorms **83°/61°**

[Extended Forecast](#)

[Weather at Fermilab](#)

## Graduate Students Present Research at New Perspectives 2004



Graduate students discuss their posters on June 3 as part of the New Perspectives conference. (Click on image for larger version.)

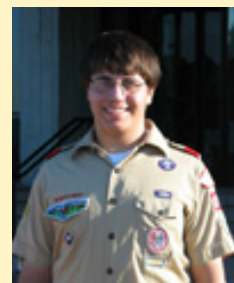
A Thursday afternoon poster session in the Wilson Hall Atrium kicked off New Perspectives 2004, the ninth annual conference for Fermilab graduate students organized by the Graduate Student Association, held on June 3 and 4. A dozen graduate students discussed their research with attendees and fellow students during the evening wine and cheese event.

The conference continued Friday with a series of talks by graduate students on topics ranging from neutrino oscillations to RF cavities. In addition to the ten graduate student speakers, invited speakers Leon Lederman and David Hertzog spoke on funding for basic research and the g-2 experiment at Brookhaven. At the conclusion of the talks, the poster presentation prizes were awarded in honor of George Michail, a graduate student killed by a drunk driver in 1996. First prize went to Vyacheslav Krutelyov, second to Mohammad Al Sharo'a and third to Kohei Yorita. The

## Eagle Scout Researched Fermilab History

Bryan Hybki, a member of Boy Scout Troop 0715, was awarded the rank of Eagle Scout in a ceremony May 16 in Oglesby, Illinois. To complete

one of the 21 merit badges required to attain the rank of Eagle Scout, Hybki completed a research project on Enrico Fermi and the history of Fermilab. The



Bryan Hybki

research project, completed in 2002, won him a "first" ranking at both his school's history fair and the regional history fair in DeKalb. He then went on to compete in the state history fair in Springfield, receiving a "second" rank.

In addition to earning merit badges, Eagle Scouts complete a number of community service hours and organize a service project that will have a lasting impact on the community. Hybki re-landscaped the area around the sign in front of his local junior high school, collecting donations of time and money from local organizations and supervising volunteers.

"I enjoyed it," said Hybki. "I liked the last day, where we actually put the project together."

Hybki has been a member of the Boy Scouts since first grade. He is an honor student at LaSalle-Peru Township High School, where he will enter tenth grade in the fall.

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[Secon Level 3](#)

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conference ended on a festive note Friday evening with a barbeque in the Kuhn Barn.

"We were really pleased," said Martin Griffiths, one of the conference organizers. "It was quite hard work to organize, but everything ran really smoothly and we got a lot of people. The turnout for the barbeque was so high that we had to send out for extra burgers."

## In the News

### From *The New York Times*, June 8, 2004

#### The Baby Universe's First Cry: A Million Years in 5 Seconds

DENVER, June 2 -If the universe is created with a bang but no one is around to witness it, does it still make a sound?

Some 13.7 billion years later, Dr. Mark Whittle, a professor of astronomy at the University of Virginia, says yes.

Sound has played an important role in research on the Big Bang, the explosive birth of the universe. In 1963, trying to track a mysterious hiss generated by their microwave antenna, Arno Penzias and Robert Wilson of Bell Labs discovered the cosmic microwave background, a faint glow of photons left over from the Big Bang.

[read more](#)

## Photo of the Day



The transit of Venus as seen from Wilson Hall yesterday at sunrise. (Photo courtesy of Joao Guimaraes da Costa) (Click on image for larger version.)



The transit of Venus as seen in Batavia yesterday at 6:10 a.m. (Photo courtesy of Peter Garbincius) (Click on image for larger version.)

## Announcements

### 2004 Users' Meeting Streaming Videos

Audio and video of presentations made at the 2004 Users' Meeting are [available online](#) through Visual Media Services.

Thanks to all for making the 2004 Users' Meeting a great success.

### International Folk Dancing

International Folk Dancing will be held at 7:30 p.m. Thursday, June 10, at the Geneva American Legion Post.

Newcomers are always welcome. Info at 630-584-0825 or 630-840-8194 or

[folkdance@fnal.gov](mailto:folkdance@fnal.gov).

